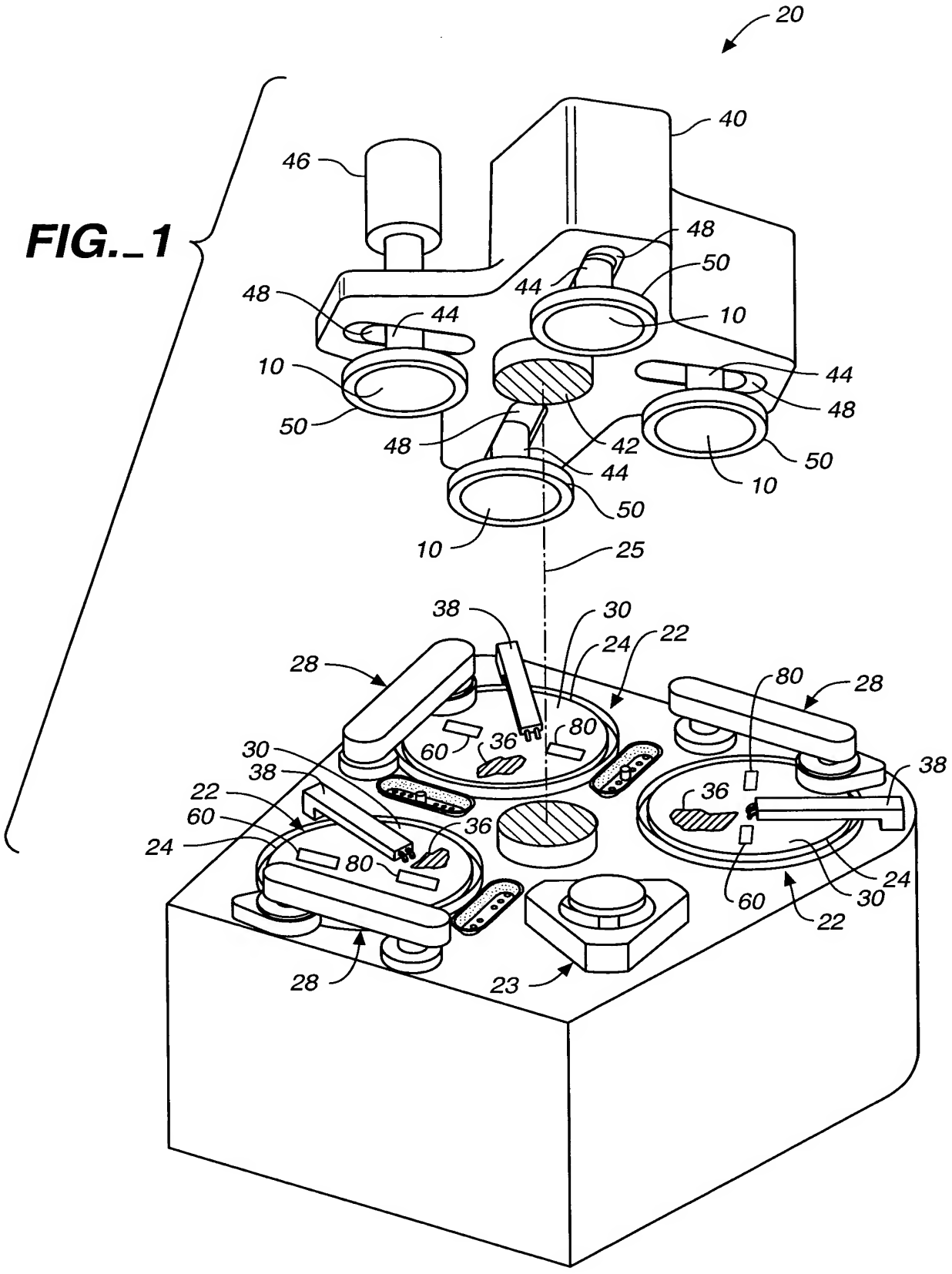
FIG._1



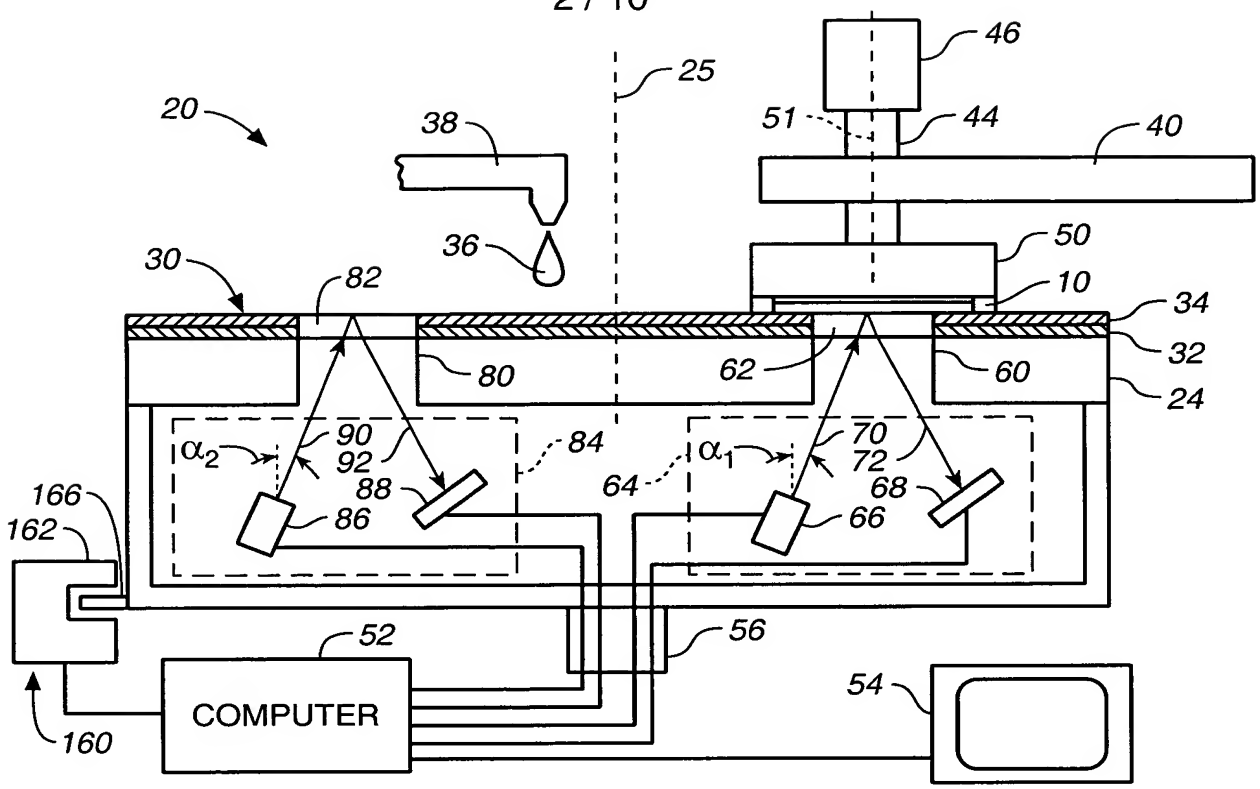

20
25
46
51
44
40
38
36
50
30
82
10
34
32
80
62
60
24
α_2
90
92
84
α_1
70
72
64
88
68
166
86
66
162
52
56
COMPUTER
54
160

FIG._2

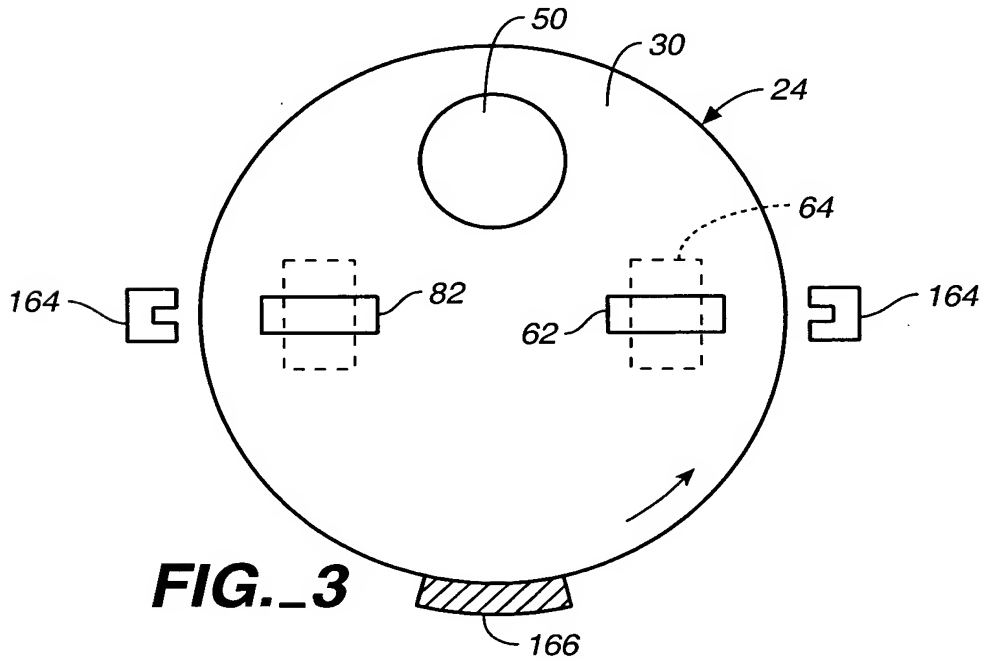

50
30
24
64
164
82
62
164
166

FIG._3

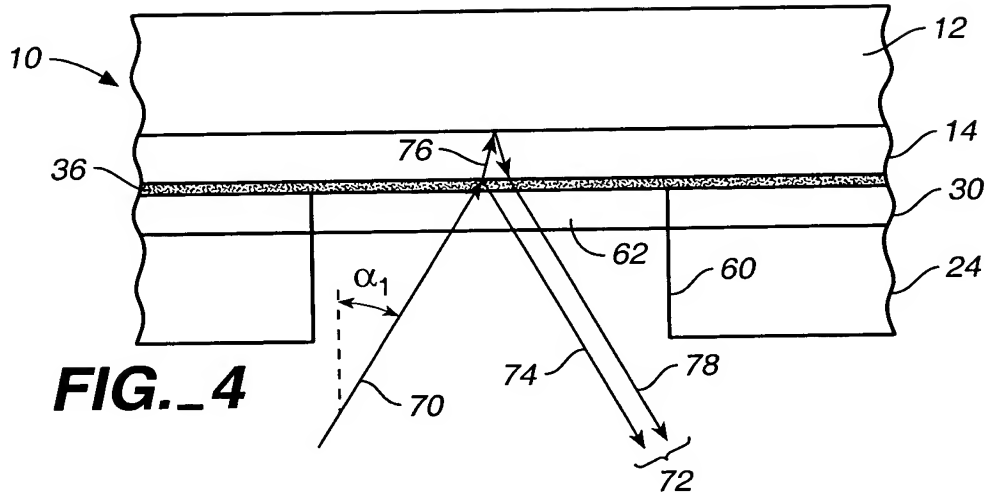


FIG._4

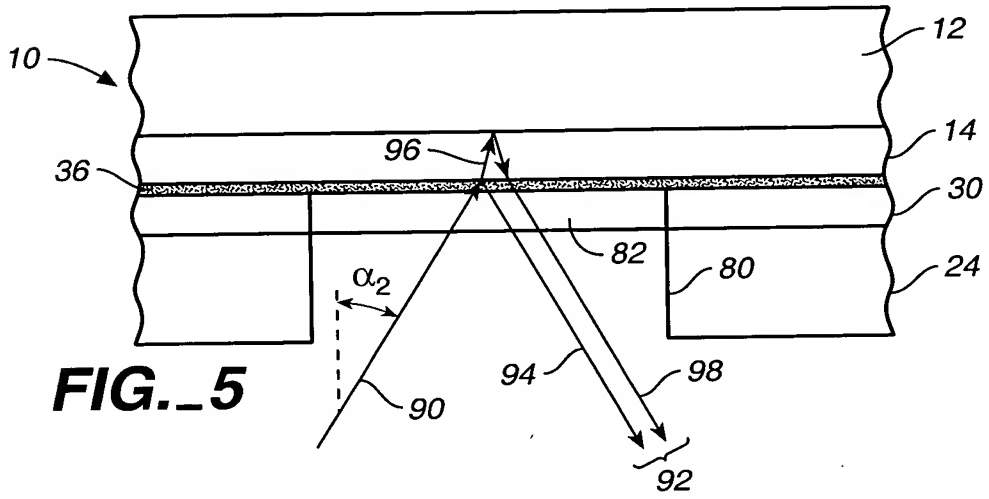


FIG._5

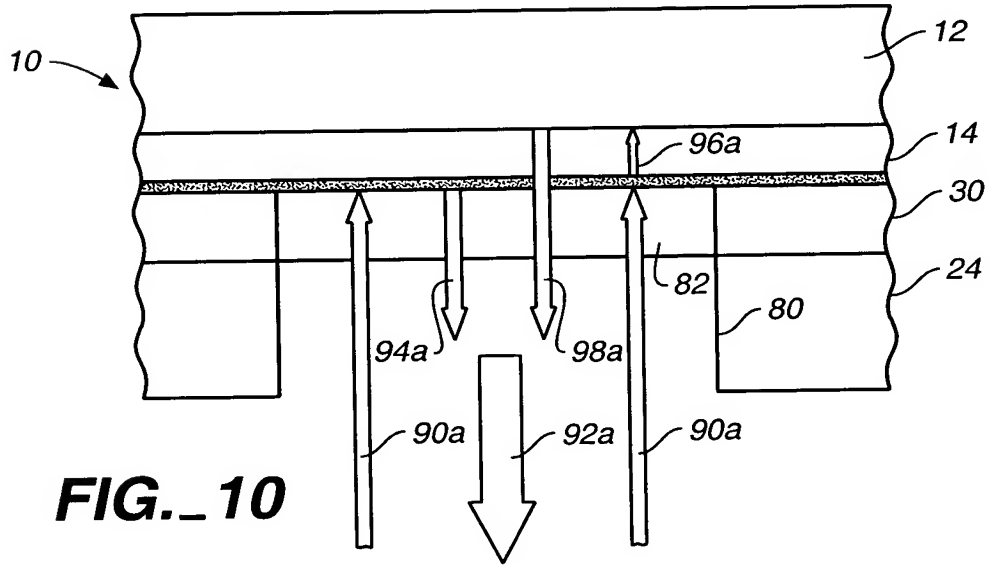


FIG._10

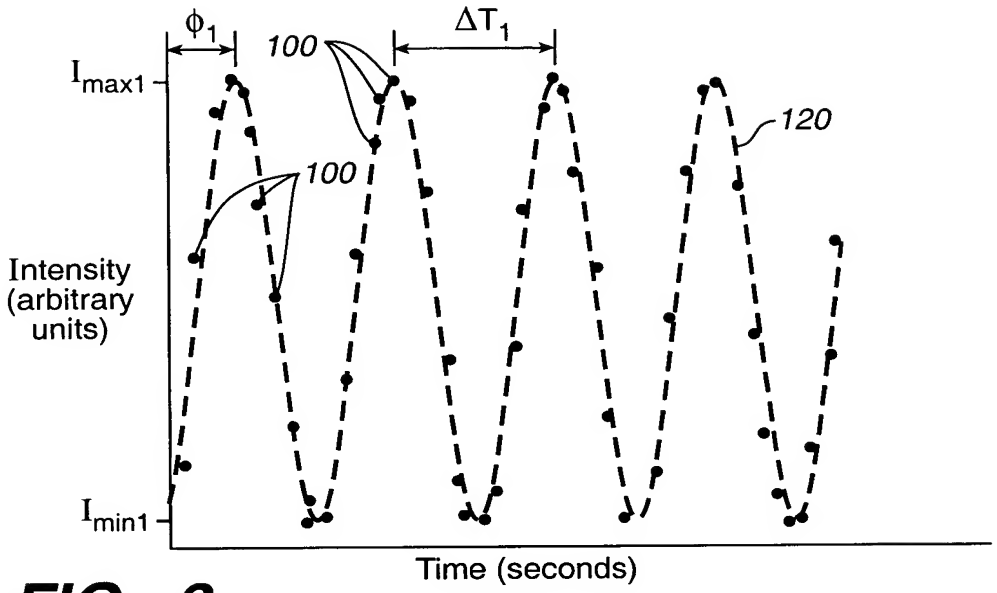

ϕ_1
ΔT_1
100
100
120
I_{max1}
I_{min1}
Intensity (arbitrary units)
Time (seconds)

FIG._6

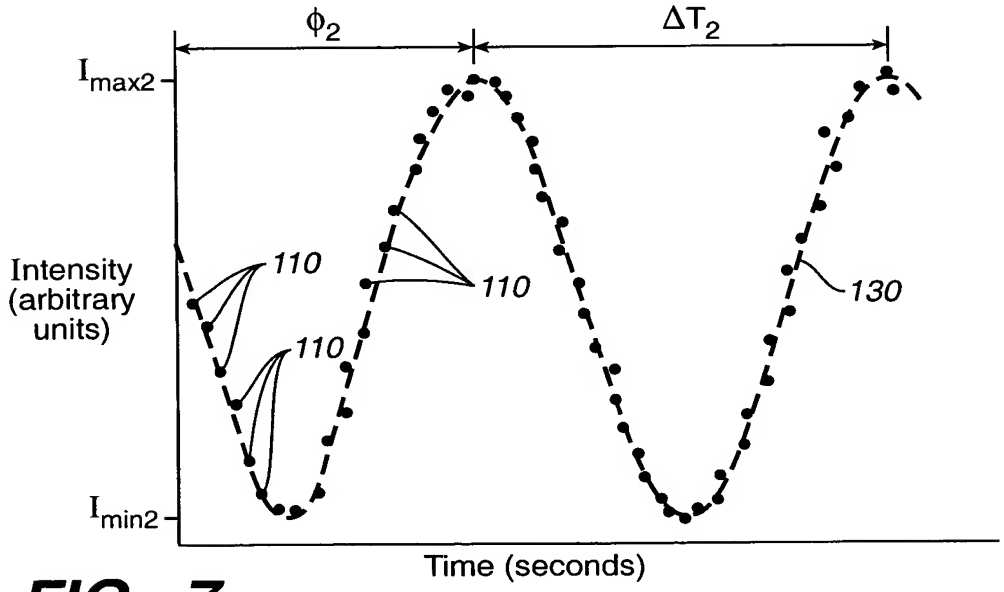

ϕ_2
ΔT_2
I_{max2}
I_{min2}
110
110
110
130
Intensity (arbitrary units)
Time (seconds)

FIG._7

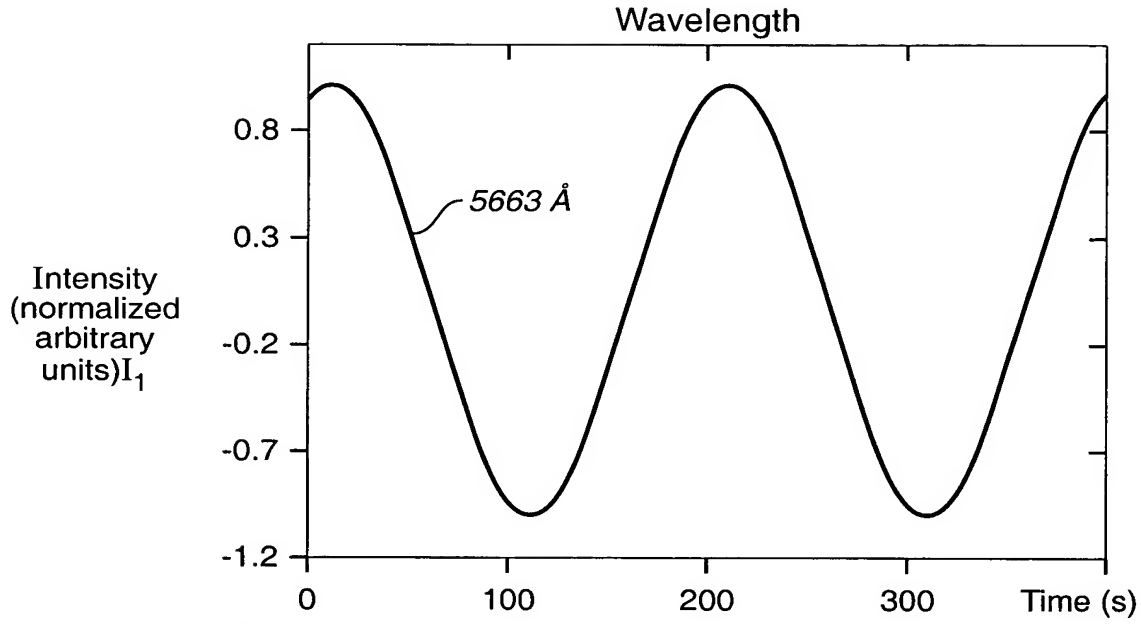

Wavelength
0.8
0.3
-0.2
-0.7
-1.2
5663 Å
Intensity
(normalized
arbitrary
units)I_1
0
100
200
300
Time (s)

FIG._8A

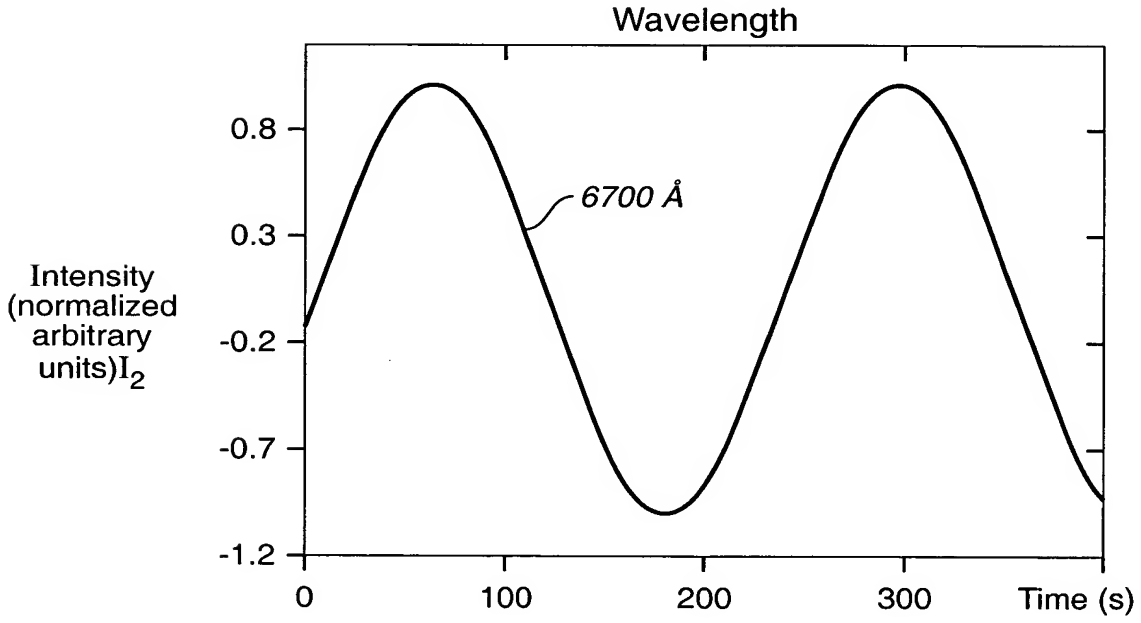

Wavelength
0.8
0.3
-0.2
-0.7
-1.2
6700 Å
Intensity
(normalized
arbitrary
units)I_2
0
100
200
300
Time (s)

FIG._8B

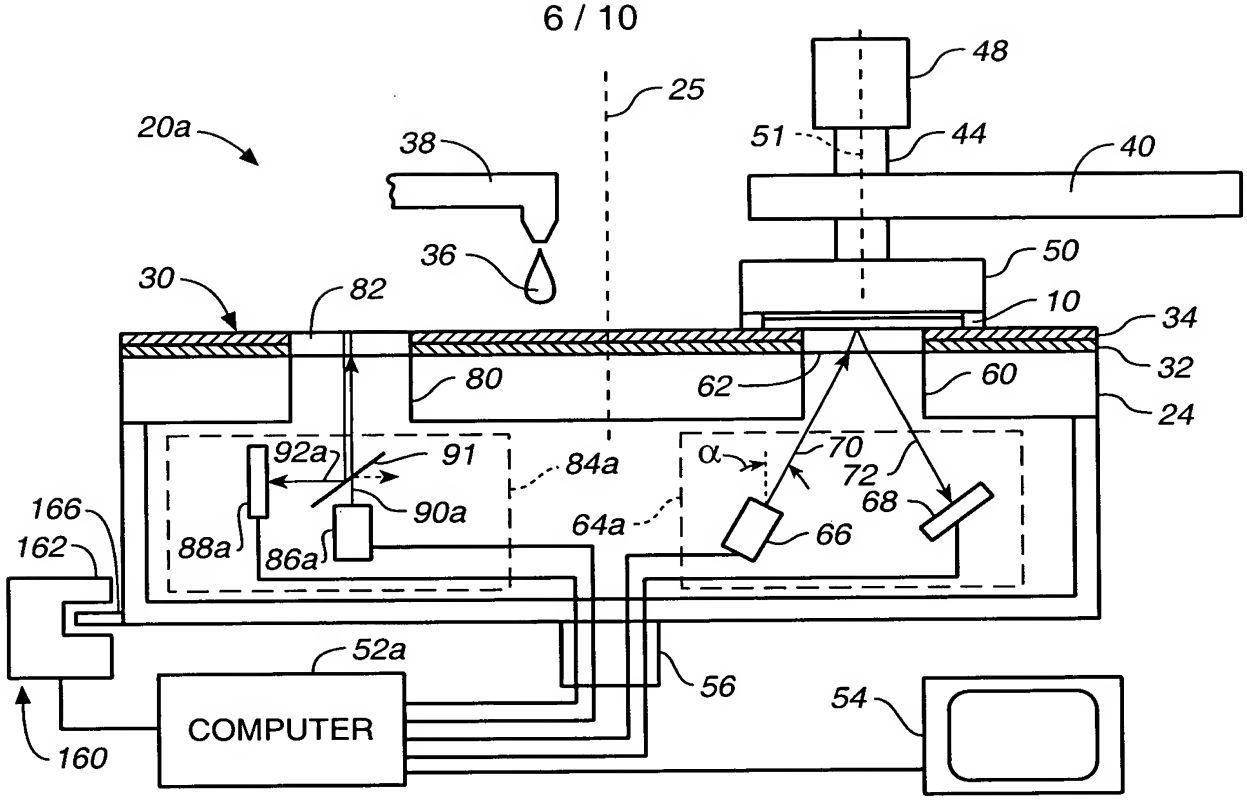

20a
25
48
38
51
44
40
36
50
30
82
10
34
80
62
60
32
24
92a
91
84a
α
70
72
68
166
90a
64a
66
162
88a
86a
52a
56
COMPUTER
54
160

FIG._9

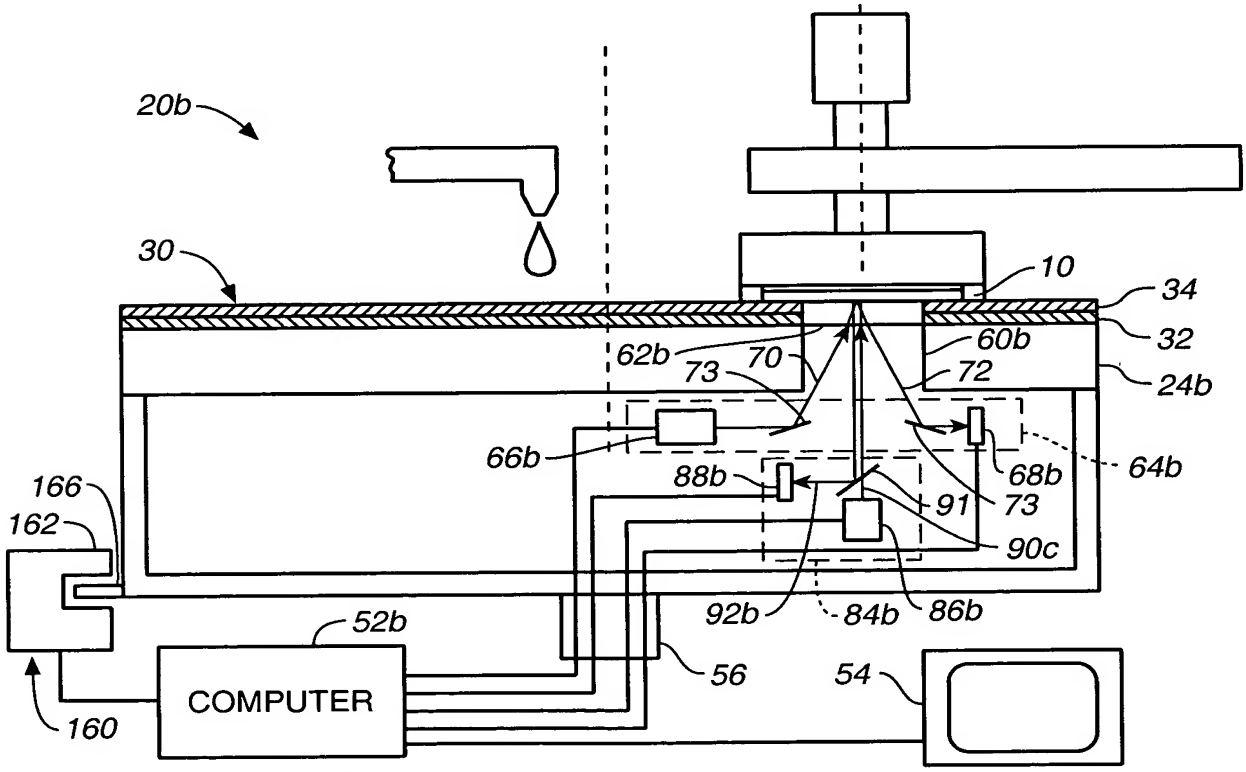

20b
30
10
34
62b
60b
32
73
70
72
24b
66b
64b
88b
68b
166
91
73
162
90c
92b
84b
86b
52b
56
54
COMPUTER
160

FIG._11

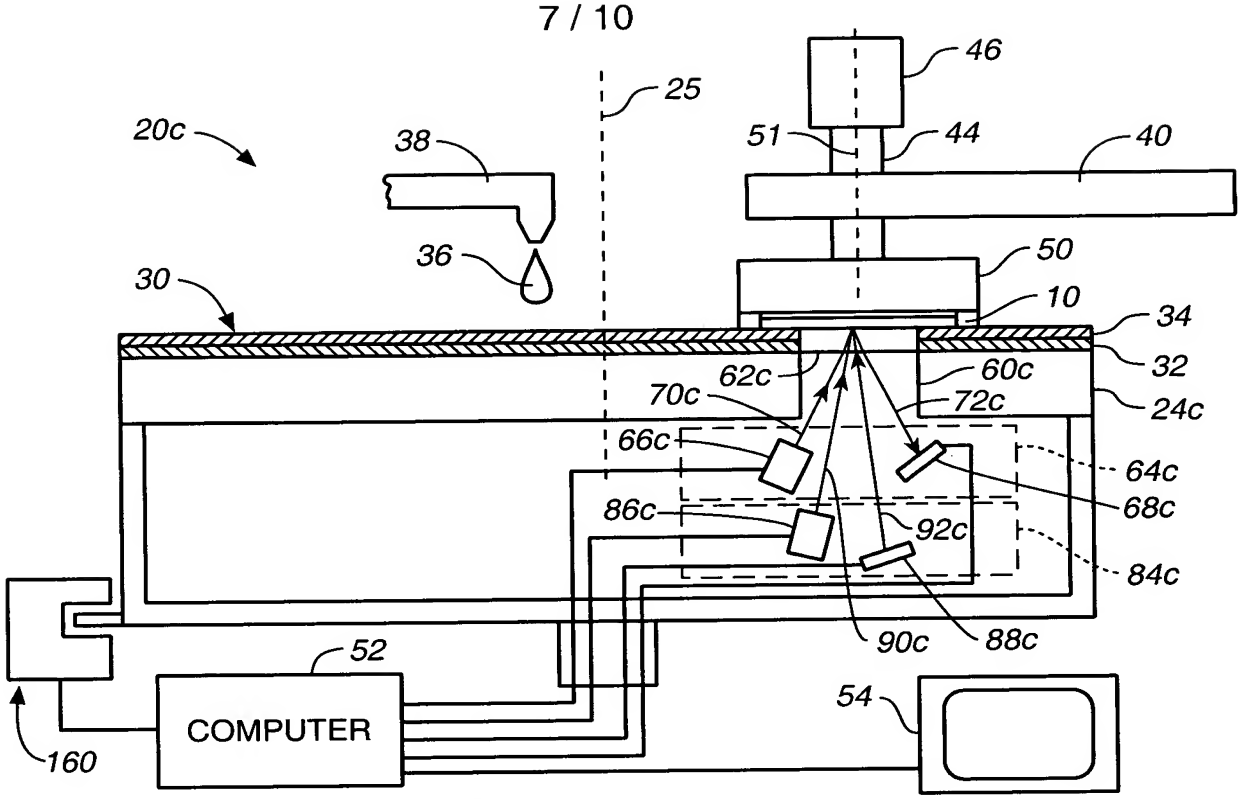

20c
25
46
38
51
44
40
36
50
30
10
34
32
62c
60c
70c
72c
24c
66c
64c
68c
86c
92c
84c
90c
88c
52
COMPUTER
54
160

FIG._12

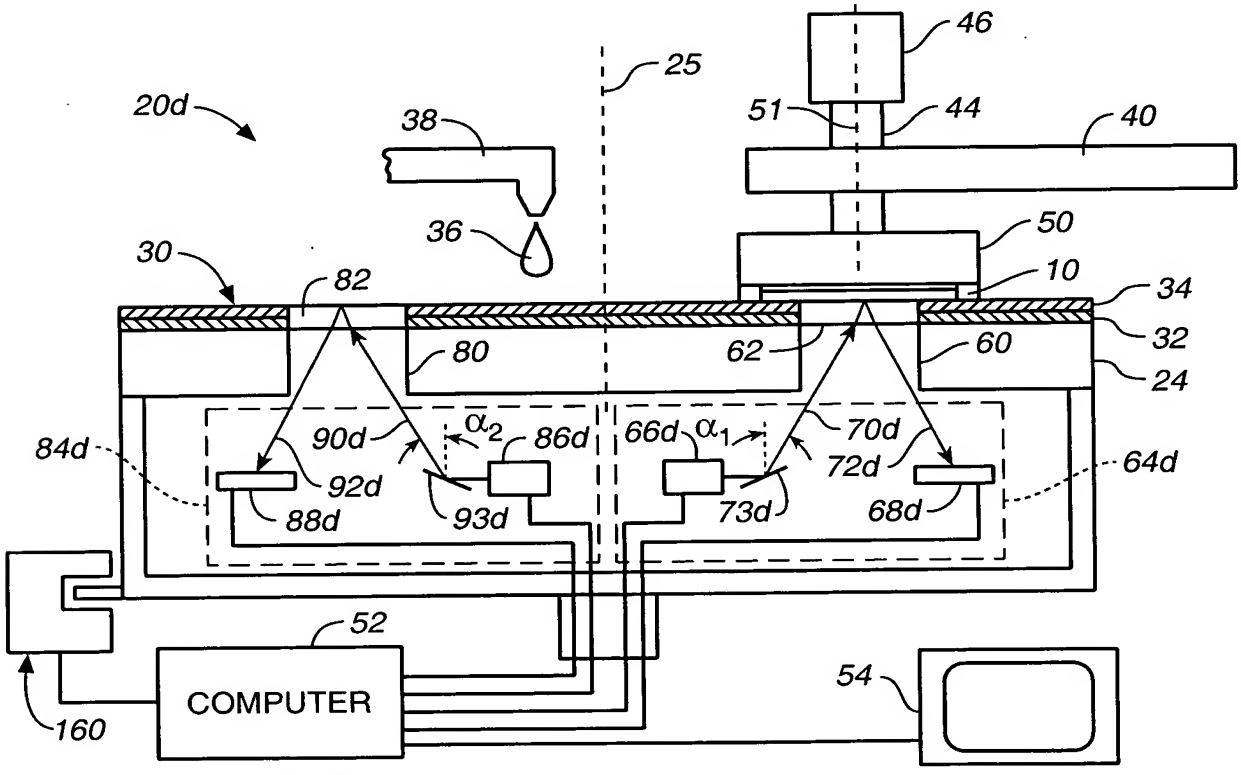

20d
25
46
38
51
44
40
36
50
30
82
10
34
32
80
62
60
24
84d
90d
α_2
86d
66d
α_1
70d
72d
64d
92d
88d
93d
73d
68d
52
COMPUTER
54
160

FIG._13

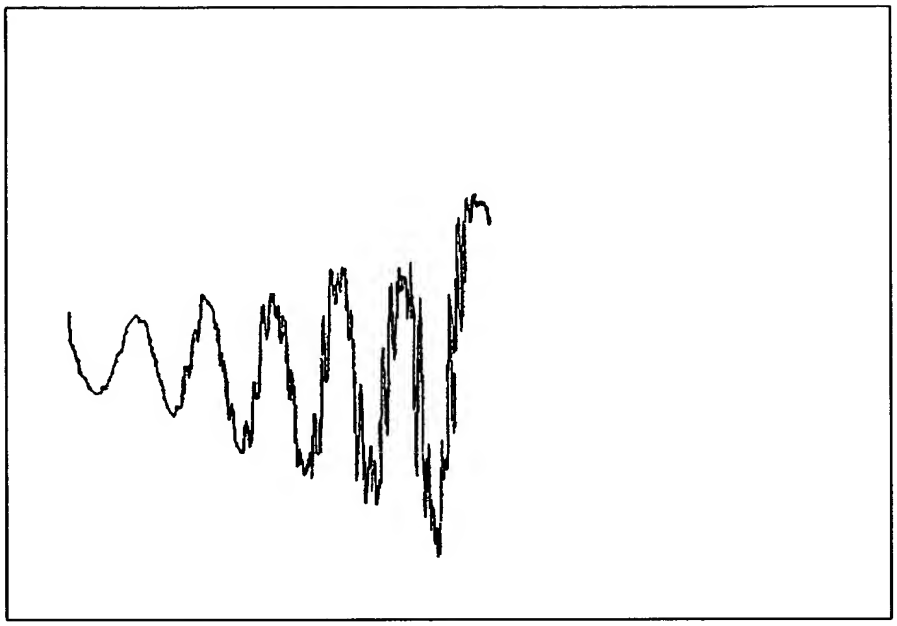


FIG._14

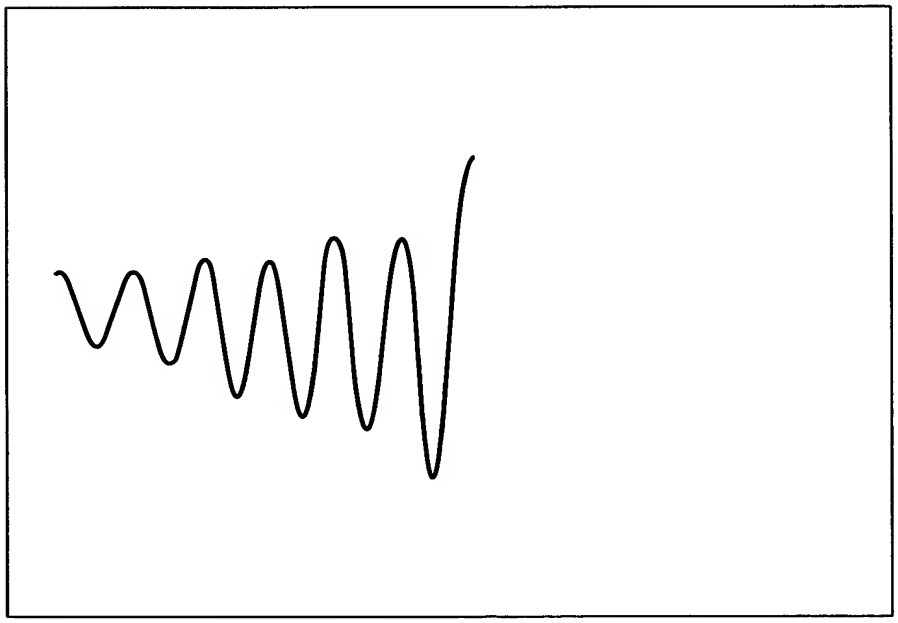
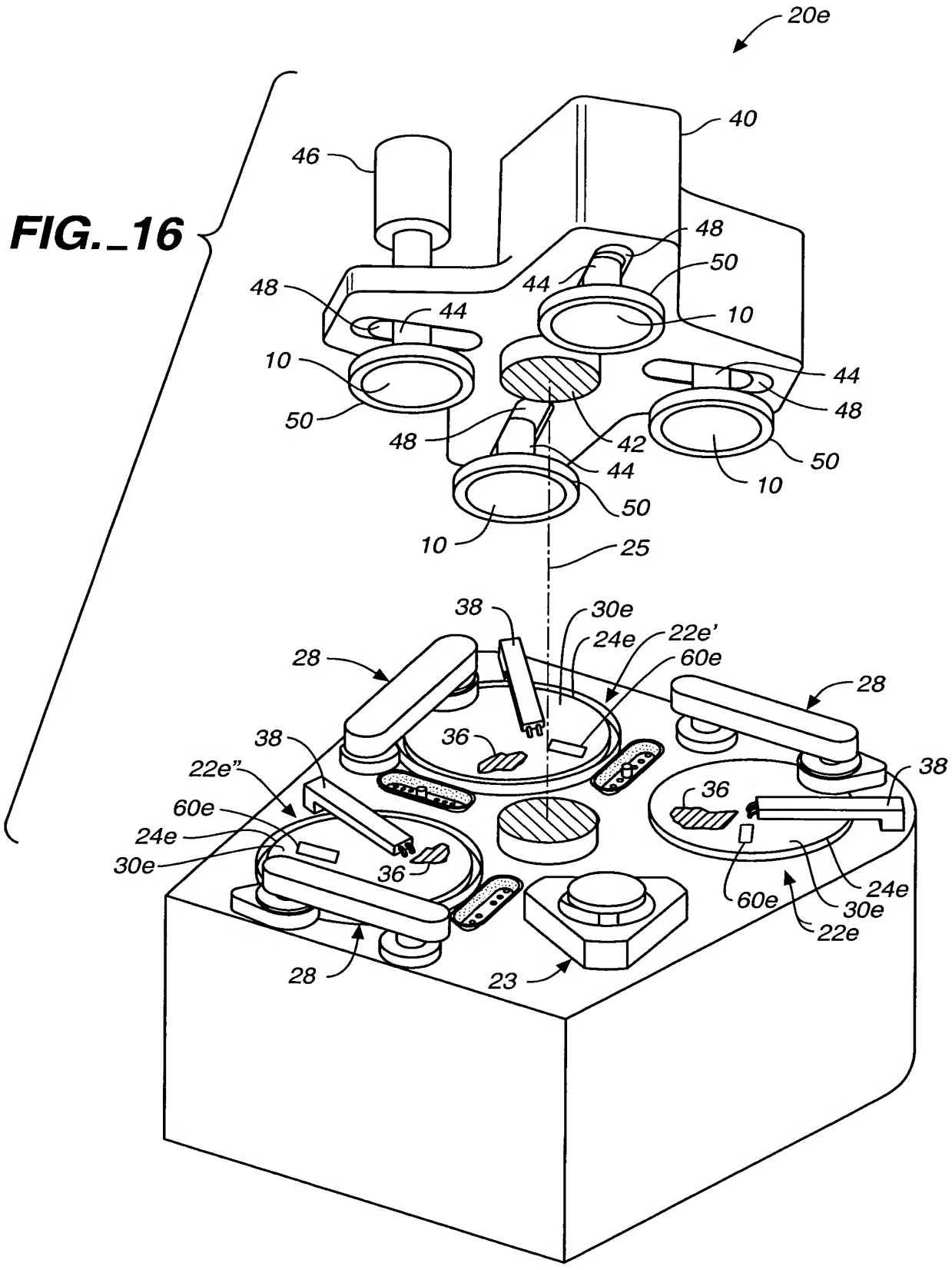


FIG._15

FIG._16



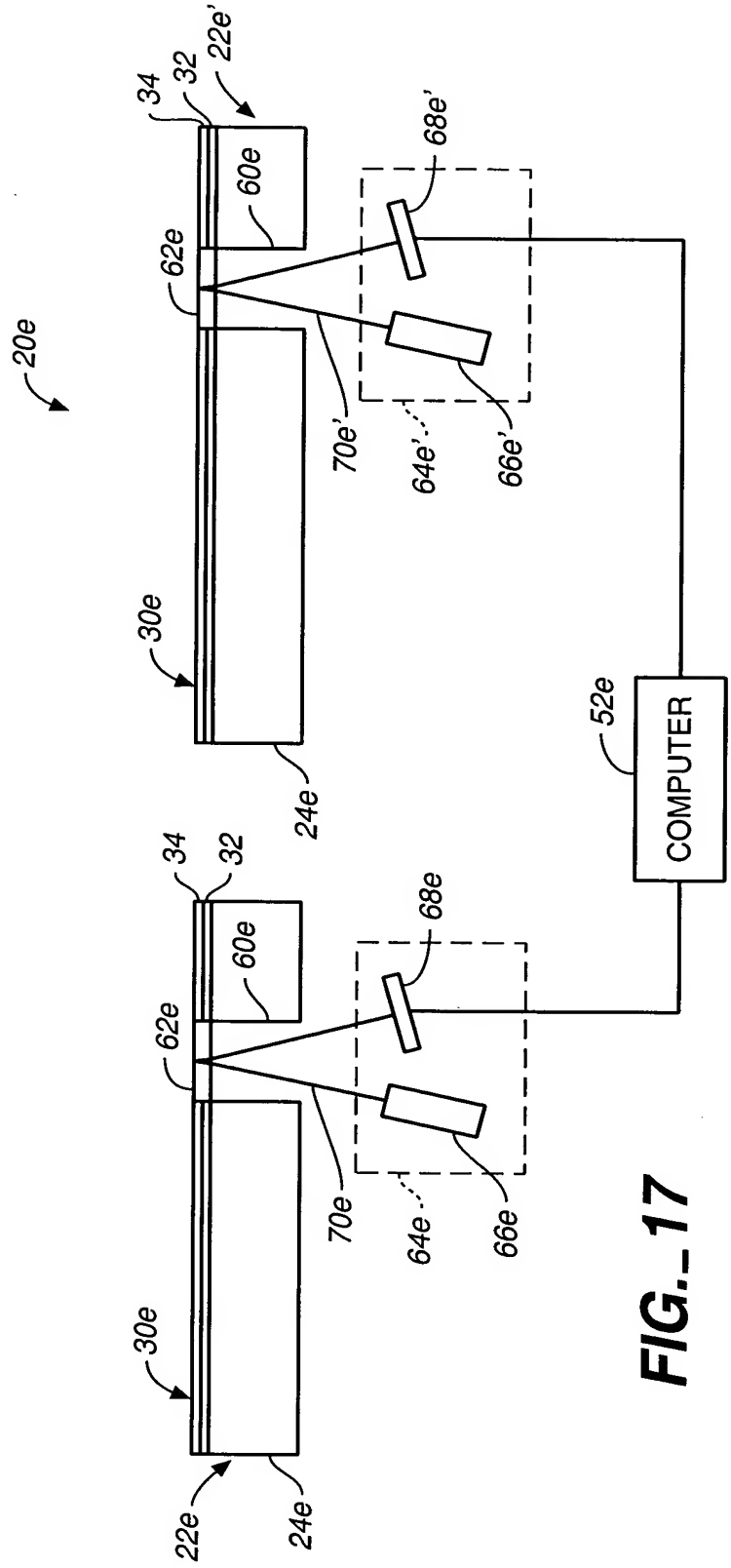

20e
22e'
34
32
60e
62e
68e'
70e'
64e'
66e'
30e
24e
52e
COMPUTER
68e
70e
64e
66e
22e
24e

FIG._17